Reply to Office Action of 12/3/04

Docket No.: 66409-224

IN THE CLAIMS:

1. (Currently Amended) A magnetically anisotropic sintered magnet having a coercive force of more than 15KO_e and a maximum energy product of more than 20 MGP_e-MGO_e and consisting essentially of, by atomic percent, 14-18% R wherein R is Nd and/or selected from the group consisting of Nd and Pr, 9-18% B, 0.5-5% A wherein A is the total of Al, Si and Cu_e and at least one element selected from the group consisting of Cr, MN-Mn and NI-Ni and provided that, the range of each element is

Al	0.2-2.0%,	Si	0.01-0.5%
Cu	0.03-0.6%	Cr	0.02-3.0%
Mn	0.05-1.0%	Ni	0.02-1.0%

and the balance being Fe.

2. (Currently Amended) A magnetically anisotropic sintered magnet having a coercive force of more than 15KO_e and a maximum energy product of more than 20 MGP_e-MGO_e and consisting essentially of, by atomic percent, 14-18% R wherein R is Nd and/or selected from the group consisting of Nd and Pr, 9-18% B, 0.5-5% A wherein A is the total of Al, Si and Cu_z and at least one element selected from the group consisting of Cr, Mn and Ni and provided that, the range of each element is

Al 0.2-2.0%, Si 0.01-0.5% Cu 0.03-0.6% Cr 0.02-3.0%

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Mn 0.05-1.0% Ni 0.02-1.0%

less than 2.0% of a total amount of <u>more than zero and less than 2.0%</u> of at least one <u>element selected from the group consisting of V</u>, Mo, Nb and W and <u>more than zero and less than 1.0% of at least one <u>element</u> selected from <u>the group consisting of Zn</u>, Ti, Zr, Hf, Ta, Ge, Sn, Bi, Ca[,] and Mg,</u>

and the balance being Fe.

magnet having a coercive force of more than 15KO_e and a maximum energy product of more than 20 MGP_e-MGO_e and consisting essentially of, by atomic percent, 14-18% R wherein R is Nd and/or selected from the group consisting of Nd and Pr, 9-18% B, 0.5-5% A, wherein A is the total of Al, Si and Cu, and at least one of the elements selected from the group consisting of Cr, Mn and Ni and provided that, the range of each element is

Al	0.2-2.0%,	Si	0.01-0.5%
Cu	0.03-0.6%	Cr	0.02-3.0%
Mn	0.05-1.0%	Ni	0.02-1.0%

less than 10% Co₂ and the balance being Fe.

4. (Currently Amended) A magnetically anisotropic sintered magnet having a coercive force of more than 15KO_e and a maximum energy product of more than $20 \, \frac{\text{MGP}_e \, \text{MGO}_e}{\text{MGO}_e}$ and consisting essentially of, by atomic percent, 14-18% R wherein R is less than 2.5% of $\frac{\text{Dy and}}{\text{Or}}$

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an element selected from the group consisting of Dy and Tb as a part of R and the balance of R being-Nd and/or_selected from the group consisting of Nd and Pr, 9-18% B, 0.5-5% A wherein A is the total of Al, Si and Cu and at least one of element selected from the group consisting of Cr, Mn and Ni, and provided that the range of each element is

Al	0.2-2.0%,	Si	0.01-0.5%
Cu	0.03-0.6%	Cr	0.02-3.0%
Mn	0.05-1.0%	Ni	0.02-1.0%

and the balance being Fe.

5. (Currently Amended) A magnetically anisotropic sintered magnet having a coercive force of more than 15KO_e and a maximum energy product of more than 20 MGP_e-MGO_e and consisting essentially of, by atomic percent, 14-18% R wherein R is less than 2.5% of Dy and/oran element selected from the group consisting of Dy and Tb as a part of R and the balance of R being Nd and/or selected from the group consisting of Nd and Pr, 9-18% B, 0.5-5% A wherein A is the total of Al, Si and Cu and at least one element selected from the group consisting of Cr, Mn and Ni, and provided that, the range of each element is

Al	0.2-2.0%,	Si	0.01-0.5%
Cu	0.03-0.6%	Cr	0.02-3.0%
Mn	0.05-1.0%	Ni	0.02-1.0%

less than 2.0% of a total amount of less than 2.0% of at least one element selected from the group consisting of V, Mo, Nb and W and less

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than 1.0% at least one <u>element</u> selected from <u>the group consisting</u> of Zn, Ti, Zr, Hf, Ta, Ge, Sn, Bi, Ca[,] <u>and Mg</u>, less than 10% Co, and the balance being Fe.